

Title (en)

Method and apparatus for providing communications with use of first and second RF transceiver modules

Title (de)

Verfahren und Vorrichtung zur Bereitstellung von Kommunikationen unter Verwendung eines ersten und eines zweiten HF-Sende-Empfängermoduls

Title (fr)

Procédé et appareil pour fournir des communications avec l'utilisation de modules d'émetteur-récepteur RF primaire et secondaire

Publication

**EP 2421316 A1 20120222 (EN)**

Application

**EP 10173589 A 20100820**

Priority

EP 10173589 A 20100820

Abstract (en)

A mobile communication device is operative to perform a first communication function (e.g. inquiry or paging function for discovery) with use of a first radio frequency (RF) transceiver (e.g. BLUETOOTH transceiver) and a second communication function (e.g. voice telephony function) with use of a second RF transceiver (e.g. IEEE 802.11 transceiver). In response to identifying an indication to invoke the first communication function while the second communication function is being performed, the mobile device reserves selected timeslots of a wireless communication link with the first RF transceiver for establishing a synchronous link. The mobile device then causes data of the first communication function to be communicated, via the first RF transceiver, during remaining unreserved timeslots of the wireless communication link. The mobile device further causes data of the second communication function to be communicated, via the second RF transceiver, during the reserved timeslots of the synchronous link.

IPC 8 full level

**H04W 72/12** (2009.01)

CPC (source: EP)

**H04W 72/1215** (2013.01); **H04W 88/06** (2013.01)

Citation (search report)

- [I] WO 2006090254 A1 20060831 - NOKIA CORP [FI], et al
- [A] US 2010029325 A1 20100204 - WANG HUAIYUAN [US], et al
- [A] WO 2008117185 A2 20081002 - NOKIA CORP [FI], et al
- [A] EP 1928197 A2 20080604 - BROADCOM CORP [US]
- [A] US 2008247367 A1 20081009 - GUO XINGANG [US], et al
- [A] WO 2008070777 A2 20080612 - MOTOROLA INC [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

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DOCDB simple family (application)

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